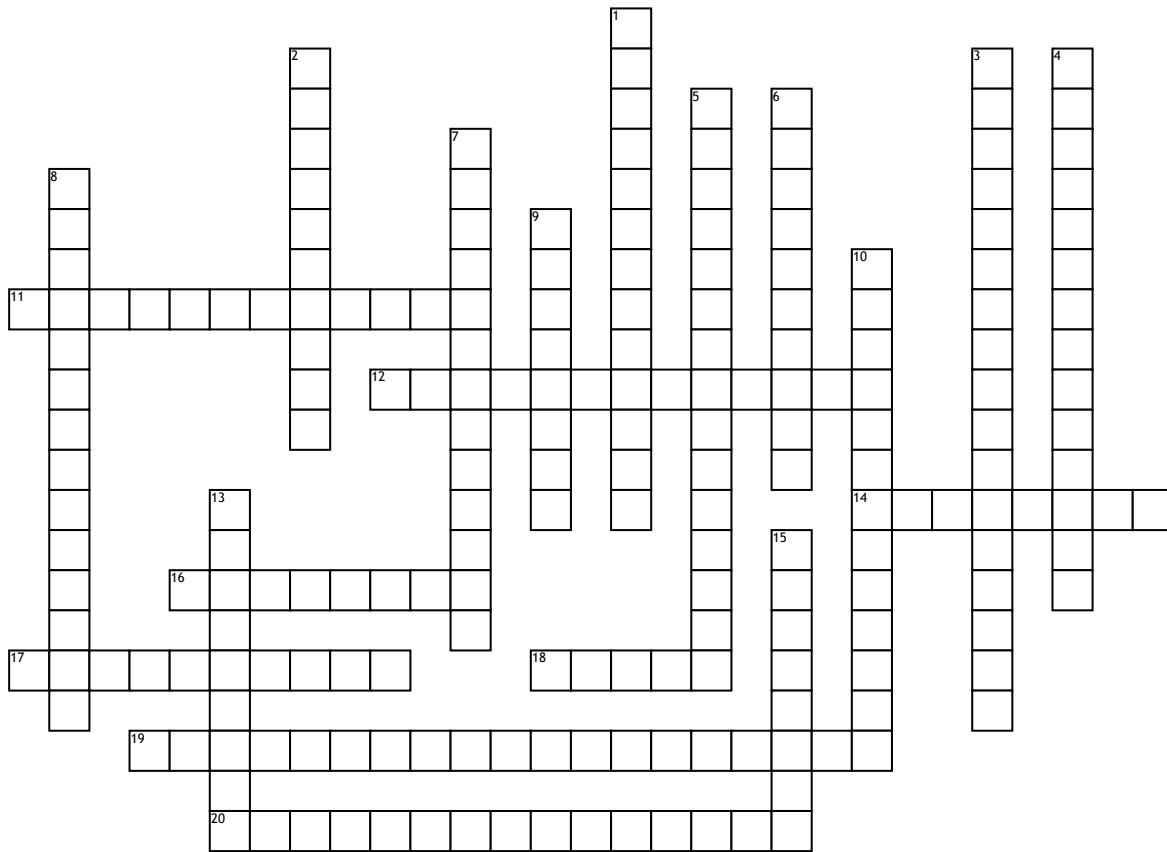


Botany Crossword Puzzle



Across

11. Must have a light period longer than some critical value
12. Movement of carbohydrates through the phloem
14. Formation of a gas bubble as a result of cavitation
16. Attractive force between water molecules
17. Internal biological process
18. In plants, the pathway for H₂O movement is through the?
19. Is a plant defense mechanism and results insects inability to digest food

20. Plants coordinate their activities within the season
Down

1. If a plant is shaded it will grow faster vertically to get back into the sun
2. Flowering plant
3. Female plants are actively choosing their mate based on certain characteristics
4. Biological response in proportion to light and dark within 24 hours
5. The physiological processes within a 24 hour cycle

6. When a water column snaps in the tracheary elements
7. Must have a light period less than some critical value
8. Quickly send signal to the rest of the plant that is it under attack
9. Attraction of a liquid to a solid surface
10. Water can move through the pits either way it wants
13. External biological process
15. To regulate gas exchange (mainly CO₂ and H₂O)